

C6611753

MODEL 700™ M24

Model S&S™

Action _____

Barrel Length _____

Capacity _____

Order No. 5715

*Includes 1 in chamber.

Remington

Arms Services Repair & Estimate System

File Add Repair Estimate Repair Expedite Repair Inquiry Repair Tools CSR Tools Reports Table Maintenance System Maintenance Help

Repair Inquiry

Repair Number: **RE00032471** Serial: C6611763 Model 700 Center Fire Caliber: 7 62 NATO M24 SWS WOG 5 of 25 Repairman: Status: New 9/14/01 3:06:44 PM

Verify Repair

Address Information

Customer: ☒ Received From Return To: ☐ Received From

Name: DEFENCE DIST DEPOT ANNISTON DEFENCE DIST DEPOT ANNISTON

Address 1: 7 FRANKFORD AVE 7 FRANKFORD AVE

Address 2: PO Box: PO Box:

City: ANNISTON ANNISTON

State: AL Zip Code: 36201 Country: US State: AL Zip Code: 36201 Country: US

FFL: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Contact / Condition Problems Estimate History / Status Shipping / Billing

Contact Information

Phone: Fax: Email: Comments:

Received Condition

Condition: Fair

Condition Notes: CSR Notes:

Accessories Received

Code	Desc	Qty
A006	Sling Strap	1
A007	With Stud	3
A008	With Swivel	2
A010	Hard Case	1
A026	Scope	1
X001	Scope Case	1
X002	Deployment Kit	1

Repair Search Refresh Close

naglej 9/17/01 7:28 AM NUM INS 7:28 AM

Start Arms Services Repair...

Serial Number: **C6611763**

Model: **700**



RE00032471

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER 32471

SERIAL NUMBER C 661 1763

LOG-IN DATE 9-13-01

INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	NA	
560 A	RE-BARREL AT CUSTOM SHOP	NA	
B	DRILL AND TAP	NA	
C	POLISH	NA	
575	ASSEMBLE	NA	
600	PROOF	NA	
605	CHECK HEADSPACE	NA	
610	DIS-ASSEMBLE GUN	NA	
612	MAGNAFLUX	NA	
615	ROLLMARK CALIBER	NA	
618	ROTO-BLAST	NA	
620	APPLY COATINGS	NA	
625 A	FINAL ASSEMBLY	NA	
B	TRIGGER PULL TEST	NA	
C	SAFETY "ON" FORCE	NA	
D	SAFETY "OFF" FORCE	NA	
E	FIRING PIN INDENT	NA	
640	TEST Test	9/21/01	AC
655	FINAL INSPECT	9-21-01	AK
660	PACK	9-25-01	DA
		SHIP DATE	
		QAR INSPECTION DATE	




VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700TM M24

SERIAL NO.
C6611763

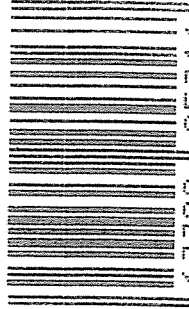
ORDER NO.
5716

MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat. & Tm. Off. Marca Registrada Marque Deposee.



5716 C6611763

UPC



0 47700 25716 2

CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6611763

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	1 10 91		RW
600	Proof	1 10 91		RW
607	Check Headspace	1 10 91		RW
610	Dis-assemble Gun	1 10 91		RW
612	Magnaflux Barrel Action		1/16/91	KR
	Magnaflux Bolt		"	KR
615	Rollmark Caliber		"	LL
617	Drill and Tap Sight Holes	1 17 91		LB
618	Polish Barrel	1 17 91		LB
620	Apply Coatings (Barrel Action)		2-12-91	JA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		2/19/91	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		2/19/91	RW
	C) Inspect Ejector Hole for Chamfer		2/19/91	RW
	D) Oil Firing Pin Ass'y		2/19/91	RW
	E) Adjust Trigger Pull to Min Setting and Stake		3-8-91	LL

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	4 ³ / ₄	4 ³ / ₄	4 ³ / ₄			3/8/91	WB
	G) Safety Off Force	3 ¹ / ₂	3 ¹ / ₂	3 ¹ / ₂			3/8/91	WB
	H) Trigger Pull Test & Retainability						3-8-91	MM
	I) Firing Pin Indent	.0215	.0215	.0215			3/8/91	WB
	J) Assemble Stock						3/8/91	RW
	K) Assemble Swivel Studs						3-1-91	DH
	L) Attach Front and Rear Sight Assemblies						3/8/91	RW
	M) Iron Sight Alignment						3/8/91	RW
	N) Detach Front & Rear Sights & place in numbered container						3/8/91	RW
	O) Attach Scope to Rifle						3/8/91	RW
	P) Detach & Attach Scope 20 Times						3/8/91	RW
640	Gallery Target & Test						3-8-91	NF
	A) Time						"	NF
	B) Malfunctions						"	NF
	C) Pierced Primers						"	NF
	D) Optical Clarity of Scope						"	NF
645	Inspect for Live Ammo						3-8-91	NF
655	Final Inspection							
	A) Headspace						3-1-91	DH
	B) Trigger Pull	2.41	2.46	2.50	2.53	2.56	3/8/91	JP
	C) Function						3-1-91	DH
660	Pack						3-15-91	DH

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6611763

DATE 3-8-81

TESTER JH.

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.27	2.48	2.28	2.41	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.19	2.48	2.40	2.46	
PULL #3	2.22	2.41	2.44	2.50	
PULL #4	2.18	2.42	2.46	2.53	
PULL #5	2.50	2.25	2.32	2.56	
TOTAL					
AVG.					

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.35	3.43		
PULL #2	3.55	3.38		
PULL #3	3.55	3.41		
PULL #4	3.53	3.37		
PULL #5	3.54	3.46		
TOTAL				
AVG.				

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.20	4.40		4.42
PULL #2	4.38	4.33		4.35
PULL #3	4.31	4.29		4.40
PULL #4	4.32	4.42		4.33
PULL #5	4.18	4.35		4.40
TOTAL				
AVG.				

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # C6611763
8 Mar 1991

CENTROIDAL DISTANCES

0 TO	1	.0367151
1 TO	2	.416966
1 TO	3	.460359
1 TO	4	.141014
1 TO	5	.190625

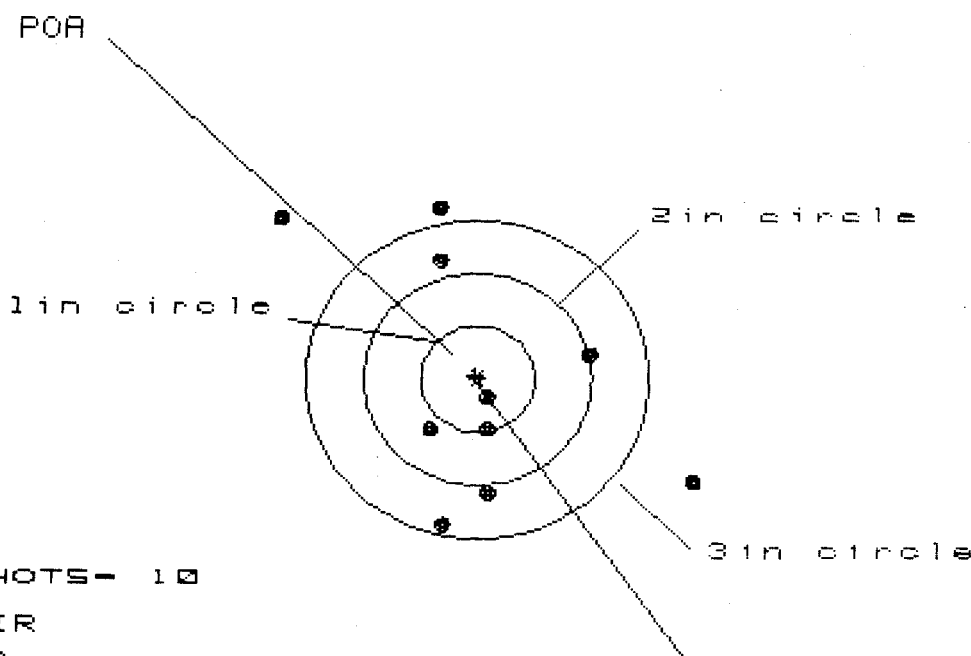
$\bar{x}_g$ <----POA

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .0582
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: -.0646
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .0869506
THE ME FOR THIS RIFLE IS: 1.175

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611763

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 4

3 in = 7

HS= 3.565

VS= 3.017

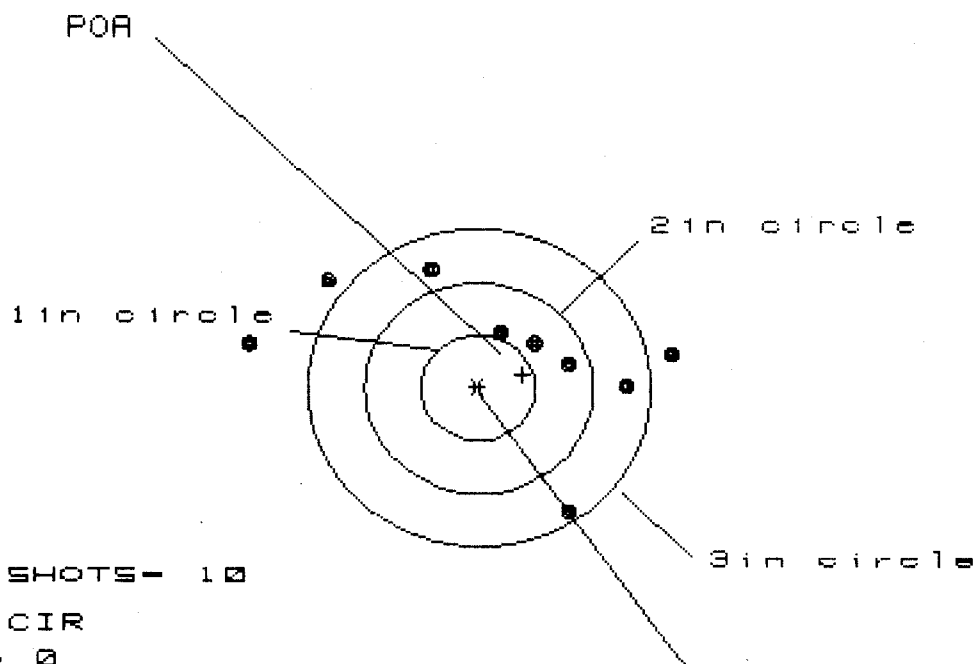
GS= 4.347

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.874	1.686	.974
MINIMUM X	:	-1.691	-.645	-.434
MAXIMUM Y	:	1.612	1.785	1.690
MINIMUM Y	:	-1.405	-1.232	-1.328
CENTROID X	:	.018	.206	-.005
CENTROID Y	:	-.032	-.205	-.109
POA TO CENTROID in.	:	.037	.290	.110
MIN RADIUS	:	.192	.094	.148
MEAN RADIUS	:	1.204	1.037	.937
MAX RADIUS	:	2.297	1.865	1.722
HORIZONTAL SPREAD	:	3.565	2.331	1.408
VERTICAL SPREAD	:	3.017	3.017	3.017
EXTREME SPREAD	:	4.347	3.382	3.018
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		4	
NUMBER IN THREE INCH CIRCLE	=		7	

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611763

CENTERFIRE PATTERNS # 2



OF SHOTS- 10

IN CIR

1in = 0

2in = 3

3in = 6

HS= 3.700

VS= 3.998

GS= 4.451

CENTROID *

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.647	1.488	1.212
MINIMUM X	:	-2.053	-2.212	-1.703
MAXIMUM Y	:	1.098	.776	.784
MINIMUM Y	:	-2.900	-1.479	-1.471
CENTROID X	:	-.388	-.229	.047
CENTROID Y	:	-.127	.195	.187
POA TO CENTROID in.	:	.408	.301	.193
MIN RADIUS	:	.549	.201	.103
MEAN RADIUS	:	1.445	1.127	.922
MAX RADIUS	:	3.232	2.213	1.864
HORIZONTAL SPREAD	:	3.700	3.700	2.914
VERTICAL SPREAD	:	3.998	2.255	2.255
EXTREME SPREAD	:	4.451	3.701	3.051
NUMBER IN ONE INCH CIRCLE	=		0	
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		6	

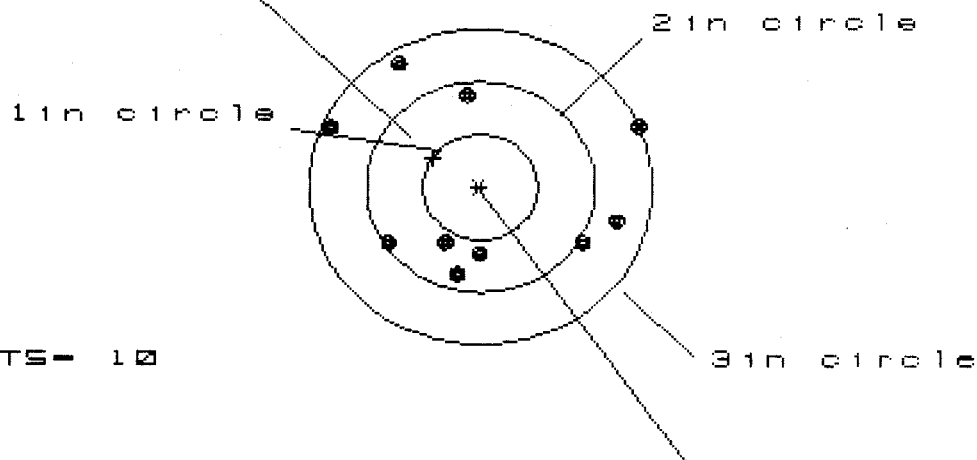
B Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611763

CENTERFIRE PATTERNS

3

POA



OF SHOTS- 10

IN CIR

1in - 0

2in - 5

3in - 9

HS- 2.695

VS- 2.065

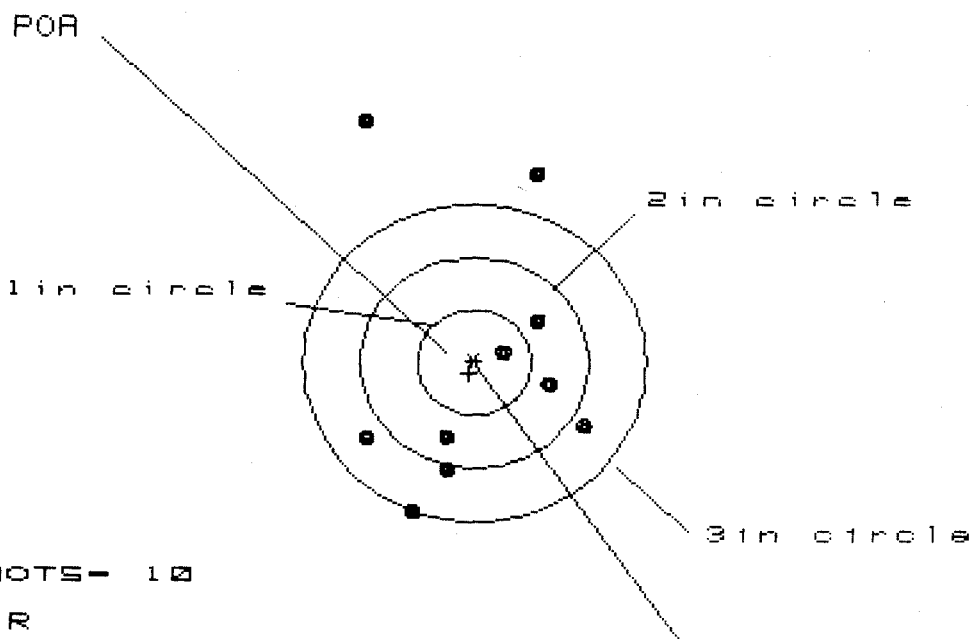
GS- 2.695

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.380	1.335	1.190
MINIMUM X	:	-1.315	-1.162	-.775
MAXIMUM Y	:	1.197	1.265	1.344
MINIMUM Y	:	-.868	-.800	-.721
CENTROID X	:	.409	.256	.401
CENTROID Y	:	-.275	-.343	-.422
POA TO CENTROID in.	:	.493	.428	.582
MIN RADIUS	:	.567	.437	.444
MEAN RADIUS	:	1.048	.968	.904
MAX RADIUS	:	1.510	1.374	1.507
HORIZONTAL SPREAD	:	2.695	2.497	1.965
VERTICAL SPREAD	:	2.065	2.065	2.065
EXTREME SPREAD	:	2.695	2.641	2.395
NUMBER IN ONE INCH CIRCLE	=	0		
NUMBER IN TWO INCH CIRCLE	=	5		
NUMBER IN THREE INCH CIRCLE	=	9		

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6811763

CENTERFIRE PATTERNS # 4



OF SHOTS- 10

IN CIR

1in = 1

2in = 5

3in = 8

HS= 1.925

VS= 3.680

GS= 3.712

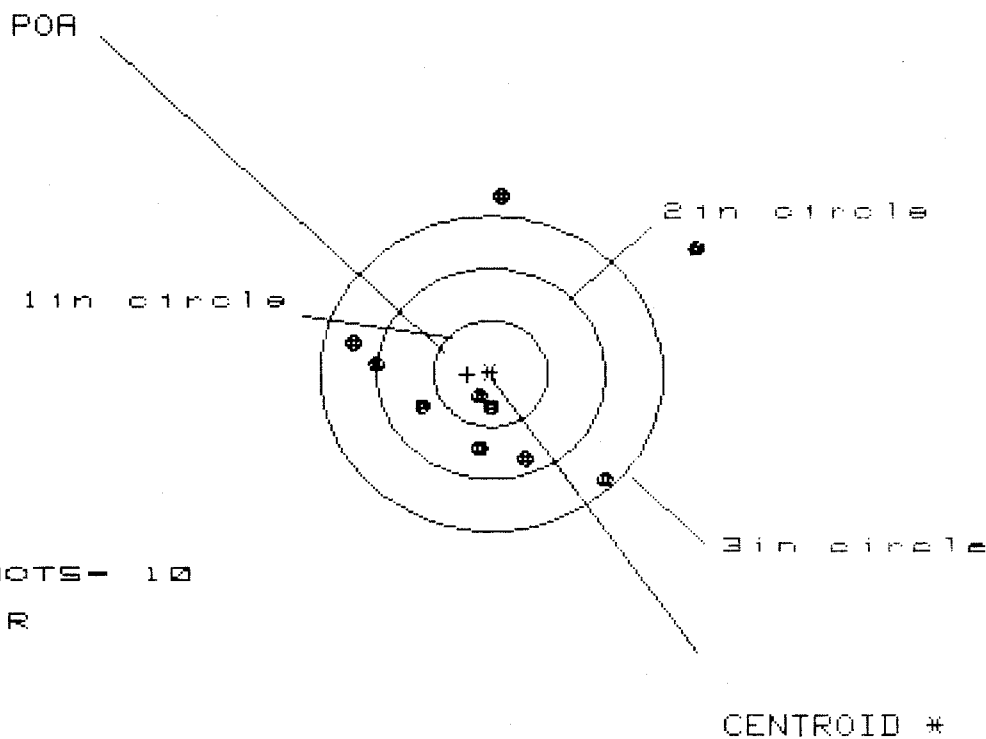
CENTROID #

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.932	.822	.874
MINIMUM X	:	-.993	-1.007	-.955
MAXIMUM Y	:	2.272	2.039	.864
MINIMUM Y	:	-1.408	-1.156	-.901
CENTROID X	:	.047	.157	.105
CENTROID Y	:	.106	-.146	-.401
POA TO CENTROID in.	:	.116	.215	.415
MIN RADIUS	:	.283	.405	.424
MEAN RADIUS	:	1.145	.944	.776
MAX RADIUS	:	2.479	2.081	1.061
HORIZONTAL SPREAD	:	1.925	1.829	1.829
VERTICAL SPREAD	:	3.680	3.195	1.765
EXTREME SPREAD	:	3.712	3.356	2.035
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

8 Mar 1991

FILE:/PATTERNING/CENTERFIRE_PATT/C6611763

CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1in = 2

2in = 6

3in = 8

HS= 3.029

VS= 2.667

GS= 3.164

PATTERN #	:	5	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.775	1.159	1.195
MINIMUM X	:	-1.254	-1.057	-1.021
MAXIMUM Y	:	1.687	1.821	.659
MINIMUM Y	:	-.980	-.846	-.618
CENTROID X	:	.207	.008	-.028
CENTROID Y	:	.005	-.129	-.357
POA TO CENTROID in.	:	.200	.129	.358
MIN RADIUS	:	.830	.108	.190
MEAN RADIUS	:	1.033	.833	.667
MAX RADIUS	:	2.143	1.843	1.345
HORIZONTAL SPREAD	:	3.033	2.216	2.216
VERTICAL SPREAD	:	3.033	2.667	1.277
EXTREME SPREAD	:	3.164	2.807	2.558
NUMBER IN ONE INCH CIRCLE	:	2		
NUMBER IN TWO INCH CIRCLE	:	6		
NUMBER IN THREE INCH CIRCLE	:	8		

21 DAY TURN - AROUND

M-24

CONTRACT # DAAA09-92-C-0834

R&E NO.

SERIAL NO. C6611763

LOG IN DATE: / /

DATE

INT.

INSPECT & VERIFY:

OP. # OP. NAME

550 DIS-ASSEMBLE GUN

560 A RE-BARREL AT CUSTOM SHOP

B DRILL & TAP

C POLISH

575 ASSEMBLE

600 PROOF

605 CHECK HEADSPACE

610 DIS-ASSEMBLE

612 MAGNAFLUX

615 ROLLMARK CALIBER

618 ROTO-BLAST

620 APPLY COATINGS

625 A FINAL ASSEMBLY

B TRIGGER PULL TEST 2.81 2.74 2.71 2.76 2.57

C SAFETY ON FORCE 5 5 5

D SAFETY OFF FORCE 3 3 3

E FIRING PIN INDENT 1022 1021 1021

640 TARGET

655 FINAL INSPECT

660 PACK

QAR INSPECTION

SHIP DATE

MEASURING AND ESTIMATING REPORT

INITIAL
JJM

CUSTOMER ORDER NO.

W/LEUPOLD 10X SCOPE

S/N 90 0672

R 96-21864

DATE RECEIVED 10/03/96	DATE OPENED 10/03/96	DATE CODE DL 9-91	SERIAL NUMBER C6611763	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62	NATO
ACCESSORIES W/STUDS		W/SWIVELS		SCOPE BASE		

FROM:

TRANSPORTATION OFFICER
ANNISTON ARMY DEPOT
ANNISTON

AL 36201

SHIP TO:

TRANSPORTATION OFFICER
ANNISTON ARMY DEPOT
ANNISTON

AL 36201

CUST NO: 150939 C.O.D L

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
----------------	--------------------	--------------------------------	------------	-----------	------------

GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE

EXCISE

TAX

INSURANCE

UPS

PARCEL POST

TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS

COMMENTS

✓ Barrel - 96003
✓ Stock - 96018
✓ Trigger Assy - 96024
✓ Firing Pin Assy - 96007

Scope sent back to factory for inspection.

REPAIRMAN Rw	PROOF ✓	CLEAN ✓	TEST ✓	TARGET ✓	PATTERN
GALLERY TESTER A	DATE 10/6/96	DATE 3/17/97	DATE 3/20/97	DATE 3/20/97	DATE

OFFICE COPY

RD6925 REV. 8/96

SWS TRIGGER PULL TESTAVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS

2.50# + .50#

3.00# + .75#

4.00# + 1.00#

SERIAL NO. C6611763DATE 1-28-97TESTER RW

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#		COMMENTS
PULL #1	2.64	2.70		2.60	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.68	2.69		2.67	
PULL #3	2.74	2.60		2.57	
PULL #4	2.74	2.61		2.58	
PULL #5	2.77	2.66		2.60	
TOTAL	13.57	13.26		13.02	
AVG.	2.71	2.65		2.60	

	3.00# INITIAL	3.00# AFTER 20 CYCLES		COMMENTS
PULL #1	3.31	3.34		
PULL #2	3.12	3.19		
PULL #3	3.24	3.22		
PULL #4	3.31	3.17		
PULL #5	3.26	3.16		
TOTAL	16.24	16.08		
AVG.	3.25	3.22		

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.07	4.30		4.10
PULL #2	4.07	4.10		4.08
PULL #3	4.00	4.12		4.15
PULL #4	4.04	4.01		4.06
PULL #5	4.12	4.09		4.11
TOTAL	20.30	20.62		20.50
AVG.	4.06	4.12		4.10

Remington Test Lab, Ilion, N.Y.

Centroidal distance calculations for Rifle # C6611763
21 Mar 1997

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: $-.2366$
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: $-.0126$
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: $.236935$

THE AMR FOR THIS RIFLE IS: $.9978$

CENTROIDAL DISTANCES

0 TO 1	.686889
1 TO 2	.903045
1 TO 3	1.10691
1 TO 4	1.57163
1 TO 5	1.05398

2
3 + 1
<----POA
4

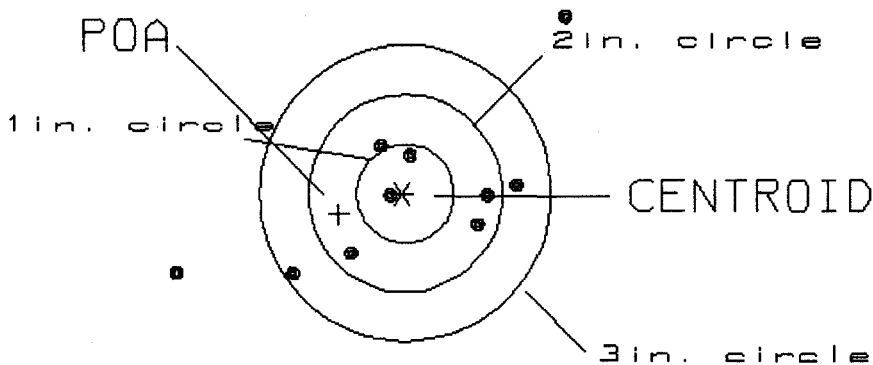
PATTERN #: ☐ 1 ☐

POA TO CENTROID: .686
 MIN RADIUS : .108
 MEAN RADIUS : 1.088
 MAX RADIUS : 2.468
 CENTROID X : .654
 CENTROID Y : .210

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611763

CENTERFIRE PATTERN # 1



OF SHOTS= 10

IN CIRCLE

HS= 3.99

2

VS= 2.61

6

GS= 4.76

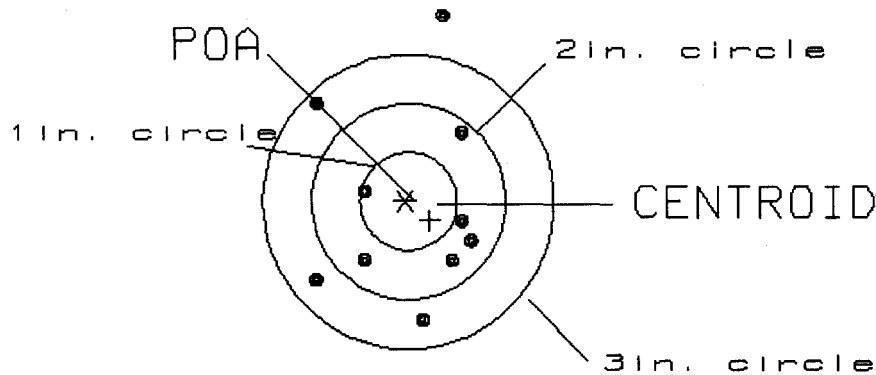
8

PATTERN #: ☐ 2 ☐
 POA TO CENTROID: .320
 MIN RADIUS : .415
 MEAN RADIUS : .989
 MAX RADIUS : 1.975
 CENTROID X : -.249
 CENTROID Y : .201

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611763

CENTERFIRE PATTERN # 2



OF SHOTS= 10

IN CIRCLE

HS= 1.58
 VS= 3.12
 GS= 3.13

1
 6
 9

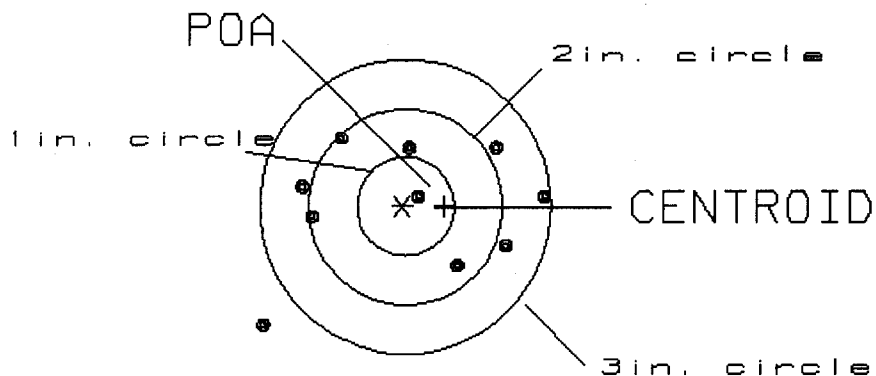
PATTERN #: ☐ 3 ☐

POA TO CENTROID: .433
 MIN RADIUS : .171
 MEAN RADIUS : 1.009
 MAX RADIUS : 1.863
 CENTROID X : -.433
 CENTROID Y : .001

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611763

CENTERFIRE PATTERN # 3



OF SHOTS= 10

IN CIRCLE

HS= 2.85

1

VS= 1.88

5

GS= 3.15

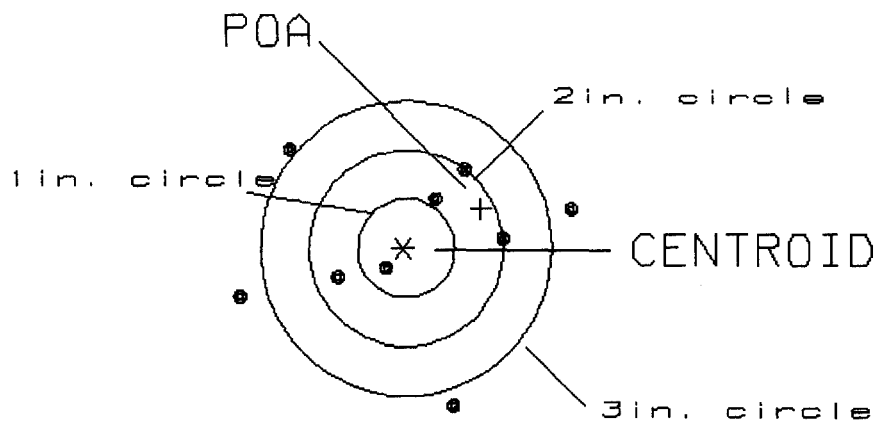
9

PATTERN #: ☐ 4 ☐
 POA TO CENTROID: .889
 MIN RADIUS : .290
 MEAN RADIUS : 1.082
 MAX RADIUS : 1.825
 CENTROID X : -.794
 CENTROID Y : -.401

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611763

CENTERFIRE PATTERN # 4



OF SHOTS= 10

IN CIRCLE

HS= 3.45

2

VS= 2.64

5

GS= 3.58

6

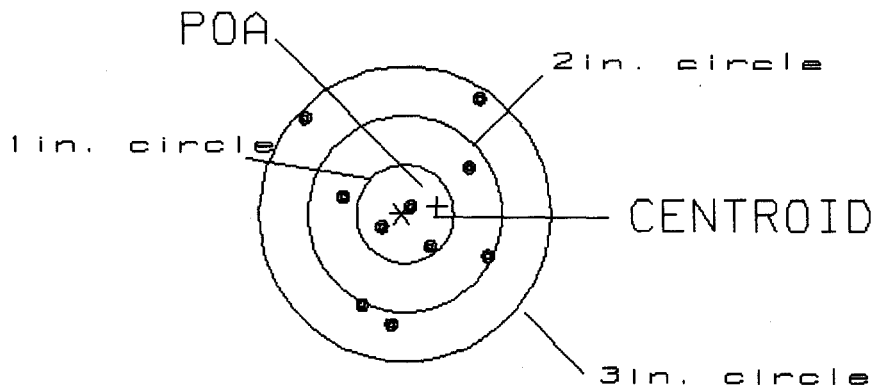
PATTERN #: ☐ 5 ☐

POA TO CENTROID: .368
 MIN RADIUS : .089
 MEAN RADIUS : .821
 MAX RADIUS : 1.452
 CENTROID X : -.361
 CENTROID Y : -.074

21 Mar 1997

FILE:/Hpbasic/Accuracy/Patterning/Centerfire_Patt/C6611763

CENTERFIRE PATTERN # 5



OF SHOTS= 10

IN CIRCLE

HS= 1.90

3

VS= 2.34

6

GS= 2.51

10

Final Inspection

Sri: C6611763 DATE REC'D: 10/3/96 DATE RET'D:

AUDITOR: RW

Item:

BARREL ASSY.

- ☒ BARREL
- ☒ RECEIVER
- ☒ FRONT SIGHT BLOCK
- ☒ REAR SIGHT BLOCK
- ☒ SCREWS
- ☒ FINISH

SCOPE ASSY.

- ☒ SCOPE
- ☒ SCOPE RINGS
- ☒ MOUNTING SCREWS
- ☒ MOUNTING BASE
- ☒ SCREWS
- ☒ FINISH
- ☒ LOOSENESS
- ☒ CLARITY

MISC.

- ☐ DD-250
- ☐ BAR CODE
- ☐ PACKAGING

Item:

STOCK ASSY.

- ☒ STOCK
- ☒ SLING SWIVEL STUDS
- ☒ ADJUSTABLE BUTT PLATE
- ☒ LOCK NUTS
- ☒ BARREL CLEARANCE
- ☒ COLOR/FINISH

SYSTEMS CASE

- ☒ SCOPE CASE
- ☒ INON SIGHTS
- ☒ DEPLOYMENT KIT

TRIGGER

- ☒ SAFETY OPERATION
- ☒ SET
- ☐

Comments: _____

